

Fungicides approved for use on apple which are recommended to control apple powdery mildew or offer some incidental control when applied for control of other diseases – efficacy factors

| Active ingredient | Trade name (examples) | Chemical group | Eradicant action | Protectant action (days) | Anti-sporulant action | Resistance risk | Typh safety | Other disease controlled/part controlled |
|------------------------------------|---|-----------------------------|--------------------------|--------------------------------------|-----------------------|-----------------|-------------|--|
| Bacillus amyloliquefaciens | Amylo X WG (EAMU 0469/18) | Not classified | eradicant and protectant | Varies according to weather | unknown | Low | safe | Botrytis, fireblight |
| boscalid + pyraclostrobin | Bellis | Strobilurin (QoI) + anilide | protectant | 10-14 | unknown | high | safe | scab, canker, storage rots |
| bupirimate | Nimrod | Hydroxy-pirimidine | eradicant and protectant | 7-10 | AS | mod-high | safe | - |
| cyflufenamid | Cosine | Amidoximes | eradicant and protectant | 7 | AS | high | safe | - |
| fluopyram | Luna Privilege | Pyridinyl-ethyl-benzamide | protectant | 7-14 depending on weather and season | AS | mod-high | safe | Evidence of good scab activity and some storage rots including Botrytis and Neofabraea |
| fluxapyroxad | Sercadis | Pyrazole-4-carboxamide | protectant | 5-10 | unknown | mod-high | not tested | scab |
| kresoxim-methyl ¹ | Stroby WG ¹ | Strobilurin (QoI) | protectant | 7 | unknown | mod-high | safe | scab |
| mefentrifluconazole | Vayo | DMI (triazole) | protectant | 7 | unknown | high | not tested | scab |
| penconazole | Topas | DMI (triazole) | eradicant and protectant | 7 | AS | high | safe | (scab) |
| penthiopyrad | Fontelis | Pyrazole-4-carboxamide | protectant | 7 | Unknown | mod-high | not tested | scab |
| potassium bicarbonate ³ | Karma | Inorganic | eradicant | 0 | AS | low | safe | - |
| proquinazid | Talius (EAMU 3636/22), Justice (EAMU 3607/22) | Quinazolinone | protectant | 10-14 | AS | medium | safe | - |
| sulphur | Microthiol Special (EAMU 3241/25) | Inorganic | (eradicant) | 7-10 | (AS) | low | harmful | scab |
| trifloxystrobin | Flint | Strobilurin | protectant | 7-10 | AS | high | Safe | scab |

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| | | (QoI) | | | | | | | |
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The information in this table on fungicide action is based on the results of recent research

Notes

¹ – Reduction in powdery mildew only, ² – Moderate control of powdery mildew only, ³ – Food grade potassium bicarbonate only must be used

* - Protectant action greatly reduced at lower doses

() – some eradicant or antisporulant action only